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(FILE 'HOME' ENTERED AT 11:37:30 ON 22 OCT 2008)

FILE 'REGISTRY' ENTERED AT 11:37:41 ON 22 OCT 2008

L1 STRUCTURE UPLOADED
 L2 3 SEA SSS SAM L1
 D SCA
 L3 47 SEA SSS FUL L1
 SAVE TEMP L3 GOO567STR1L/A

FILE 'ZCAPLUS' ENTERED AT 11:39:47 ON 22 OCT 2008

L4 5 SEA ABB=ON PLU=ON L3

FILE 'BEILSTEIN' ENTERED AT 11:40:01 ON 22 OCT 2008

L5 1 SEA SSS SAM L1
 L6 4 SEA SSS FUL L1

FILE 'WPIX' ENTERED AT 11:40:32 ON 22 OCT 2008

L7 5 SEA SSS SAM L1
 L8 30 SEA SSS FUL L1
 L9 1 SEA ABB=ON PLU=ON L8/DCR

FILE 'MARPAT' ENTERED AT 11:41:11 ON 22 OCT 2008

L10 1 SEA SSS SAM L1
 L11 11 SEA SSS FUL L1
 L12 6 SEA ABB=ON PLU=ON L11/COM

FILE 'ZCAPLUS' ENTERED AT 11:43:45 ON 22 OCT 2008

L13 118 SEA ABB=ON PLU=ON BEAU J7/AU
 L14 86 SEA ABB=ON PLU=ON DENARIE J7/AU
 L15 518 SEA ABB=ON PLU=ON GREINER A7/AU
 L16 4 SEA ABB=ON PLU=ON GRENOUILLAT N7/AU
 L17 62 SEA ABB=ON PLU=ON MAILLET F7/AU
 L18 18 SEA ABB=ON PLU=ON VAUZEILLES B7/AU
 L19 11 SEA ABB=ON PLU=ON L13 AND (L14 OR L15 OR L16 OR L17 OR L18)
 L20 25 SEA ABB=ON PLU=ON L14 AND (L15 OR L16 OR L17 OR L18)
 L21 1 SEA ABB=ON PLU=ON L15 AND (L16 OR L17 OR L18)
 L22 3 SEA ABB=ON PLU=ON L16 AND (L17 OR L18)
 L23 1 SEA ABB=ON PLU=ON L17 AND L18
 L24 34 SEA ABB=ON PLU=ON (L19 OR L20 OR L21 OR L22 OR L23)
 L25 4 SEA ABB=ON PLU=ON L19 AND (L20 OR L21 OR L22 OR L23)
 L26 1 SEA ABB=ON PLU=ON L20 AND (L21 OR L22 OR L23)
 L27 1 SEA ABB=ON PLU=ON L21 AND (L22 OR L23)
 L28 1 SEA ABB=ON PLU=ON L22 AND L23
 L29 4 SEA ABB=ON PLU=ON (L25 OR L26 OR L27 OR L28)
 L30 28443 SEA ABB=ON PLU=ON ?LEGUM7/BI
 L31 16 SEA ABB=ON PLU=ON L30 AND L24
 L32 51 SEA ABB=ON PLU=ON (L13 OR L14 OR L15 OR L16 OR L17 OR L18)
 AND L30
 L33 43 SEA ABB=ON PLU=ON L32 AND ?NODUL7/BI
 L34 15 SEA ABB=ON PLU=ON L31 AND L33

FILE 'REGISTRY' ENTERED AT 11:48:12 ON 22 OCT 2008

FILE 'ZCAPLUS' ENTERED AT 11:48:14 ON 22 OCT 2008

D STAT QUE L29
 D STAT QUE L31

D STAT QUE L34
L35 18 SEA ABB=ON PLU=ON L29 OR L31 OR L34

FILE 'MEDLINE, EMBASE, BIOSIS, WPIX' ENTERED AT 11:49:20 ON 22 OCT 2008
L36 39 SEA ABB=ON PLU=ON L34

FILE 'ZCAPLUS, MEDLINE, EMBASE, BIOSIS, WPIX' ENTERED AT 11:49:34 ON 22 OCT 2008
L37 26 DUP REM L35 L36 (31 DUPLICATES REMOVED)
ANSWERS '1-18' FROM FILE ZCAPLUS
ANSWERS '19-25' FROM FILE BIOSIS
ANSWER '26' FROM FILE WPIX
D IBIB ABS HITIND L37 1-18
D IALL HIT L37 19-26

FILE 'REGISTRY' ENTERED AT 11:50:58 ON 22 OCT 2008
D STAT QUE L3

FILE 'ZCAPLUS' ENTERED AT 11:51:10 ON 22 OCT 2008
D STAT QUE L4

FILE 'BEILSTEIN' ENTERED AT 11:51:19 ON 22 OCT 2008
D STAT QUE L6

FILE 'WPIX' ENTERED AT 11:51:24 ON 22 OCT 2008
D STAT QUE L9

FILE 'MARPAT' ENTERED AT 11:51:32 ON 22 OCT 2008
D STAT QUE L12

FILE 'ZCAPLUS, BEILSTEIN, WPIX, MARPAT' ENTERED AT 11:51:45 ON 22 OCT 2008
L38 11 DUP REM L4 L6 L9 L12 (5 DUPLICATES REMOVED)
ANSWERS '1-5' FROM FILE ZCAPLUS
ANSWERS '6-9' FROM FILE BEILSTEIN
ANSWERS '10-11' FROM FILE MARPAT
D IBIB ABS HITSTR L38 1-5
D IDE ALLREF L38 6-9
D IBIB ABS QHIT L38 10-11

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 21 OCT 2008 HIGHEST RN 1064205-90-8
DICTIONARY FILE UPDATES: 21 OCT 2008 HIGHEST RN 1064205-90-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

FILE ZCAPLUS

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FILE COVERS 1907 - 22 Oct 2008 VOL 149 ISS 17

FILE LAST UPDATED: 21 Oct 2008 (20081021/ED)

ZCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE BEILSTEIN

FILE LAST UPDATED ON April 1, 2008

FILE COVERS 1771 TO 2008.

FILE CONTAINS 10,322,688 SUBSTANCES

>>>PLEASE NOTE: Reaction Data and substance data are stored in separate documents and can not be searched together in one query. Reaction data for BEILSTEIN compounds may be displayed immediately with the display codes PRE (preparations) and REA (reactions). A substance answer set retrieved after the search for a chemical name, a compounds with available reaction information by combining with PRE/FA, REA/FA or more generally with RX/FA. The BEILSTEIN Registry Number (BRN) is the link between a BEILSTEIN compound and belonging reactions. For more detailed reaction searches BRNs can be searched as reaction partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST. *
 * SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE *
 * ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE *
 * ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. *
 * FOR PRICE INFORMATION SEE HELP COST *

>>> Price change as of January 1st, 2008: Connect Time and Structure Search fees re-introduced. See NEWS and HELP COST <<<

FILE WPIX

FILE LAST UPDATED: 18 OCT 2008 <20081018/UP>

MOST RECENT UPDATE: 200866 <200866/DW>

DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE
>>> Now containing more than 1.1 million chemical structures in DCR <<<

>>> IPC Reform backfile reclassifications have been loaded to the end of June 2008. No update date (UP) has been created for the reclassified documents, but they can be identified by 20060101/UPIC and 20061231/UPIC, 20070601/UPIC, 20071001/UPIC, 20071130/UPIC, 20080401/UPIC and 20080701/UPIC. ECLA reclassifications to June and US national classifications to the end of April 2008 have also been loaded. Update dates 20080401 and 20080701/UPEC and /UPNC have been assigned to these. <<<

FOR A COPY OF THE DERWENT WORLD PATENTS INDEX STN USER GUIDE,
PLEASE VISIT:
http://www.stn-international.de/training_center/patents/stn_guide.pdf

FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES, SEE
<http://scientific.thomsonreuters.com/support/patents/coverage/latestupdate>

EXPLORE DERWENT WORLD PATENTS INDEX IN STN ANAVIST, VERSION 2.0:
http://www.stn-international.com/archive/presentations/DWPIAnaVist2_0608.p

>>> HELP for European Patent Classifications see HELP ECLA, HELP ICO <<<

FILE MARPAT

FILE CONTENT: 1961-PRESENT VOL 149 ISS 16 (20081017/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US	20080214818	04	SEP	2008
DE	102007009401	28	AUG	2008
EP	1964835	03	SEP	2008
JP	2008205307	04	SEP	2008
WO	2008109558	12	SEP	2008
GB	2444641	11	JUN	2008
FR	2913019	29	AUG	2008
RU	2331483	20	AUG	2008
CA	2424225	05	AUG	2008

Expanded G-group definition display now available.

Effective December 15th the iteration and answer limits in MARPAT have increased from 100,000 to 200,000 for both on-line and batch searches. For more information on MARPAT search limits, type HELP SLIMITS at an arrow prompt.

FILE MEDLINE

FILE LAST UPDATED: 21 Oct 2008 (20081021/UP). FILE COVERS 1949 TO DATE.

MEDLINE has been updated with the National Library of Medicine's revised 2008 MeSH terms. See HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

See HELP RANGE before carrying out any RANGE search.

MEDLINE Accession Numbers (ANs) for records from 1950-1977 have been converted from 8 to 10 digits. Searches using an 8 or 10 digit AN will retrieve the same record. The 10-digit ANs can be expanded, searched, and displayed in all records from 1949 to the present.

FILE EMBASE

FILE COVERS 1974 TO 22 Oct 2008 (20081022/ED)

EMBASE was reloaded on March 30, 2008.

EMBASE is now updated daily. SDI frequency remains weekly (default) and biweekly.

This file contains CAS Registry Numbers for easy and accurate substance identification.

Beginning January 2008, Elsevier will no longer provide EMTREE codes as part of the EMTREE thesaurus in EMBASE. Please update your current-awareness alerts (SDIs) if they contain EMTREE codes.

For further assistance, please contact your local helpdesk.

FILE BIOSIS

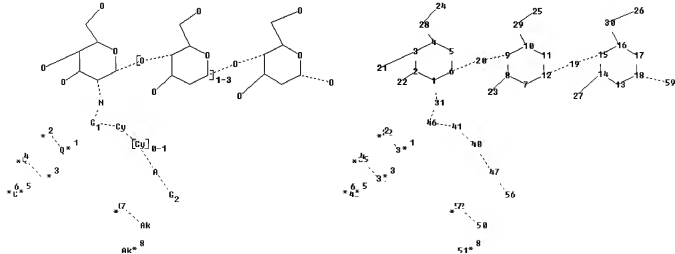
FILE COVERS 1926 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 15 October 2008 (20081015/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

Uploading L1.str



chain nodes :

19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 40 41 42 46
47 50 51 52 56 59

ring nodes :

10/583567

```
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
chain bonds :
1-31 2-22 3-21 4-28 6-20 8-23 9-20 10-29 12-19 14-27 15-19 16-30 18-59
24-28 25-29 26-30 31-46 32-33 34-35 40-41 40-47 41-46 47-56 50-52
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-
15
15-16 16-17 17-18
exact/norm bonds :
1-2 1-6 1-31 2-3 2-22 3-4 3-21 4-5 5-6 6-20 7-8 7-12 8-9 8-23 9-10
9-20 10-11 11-12 12-19 13-14 13-18 14-15 14-27 15-16 15-19 16-17 17-18
18-59 24-28 25-29
26-30 31-46 32-33 34-35 40-41 40-47 41-46 47-56 50-52
exact bonds :
4-28 10-29 16-30
```

G1:[*1-*2],[*3-*4],[*5-*6]

G2:[*7],[*8]

Match level :

```
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
20:CLASS 21:CLASS
22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS
30:CLASS 31:CLASS
32:CLASS 33:CLASS 34:CLASS 35:CLASS 40:Atom 41:Atom 42:CLASS 46:CLASS
47:CLASS 50:CLASS
51:CLASS 52:CLASS 56:CLASS 59:CLASS
Generic attributes :
40:
Saturation : Unsaturated
41:
Saturation : Unsaturated
```

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